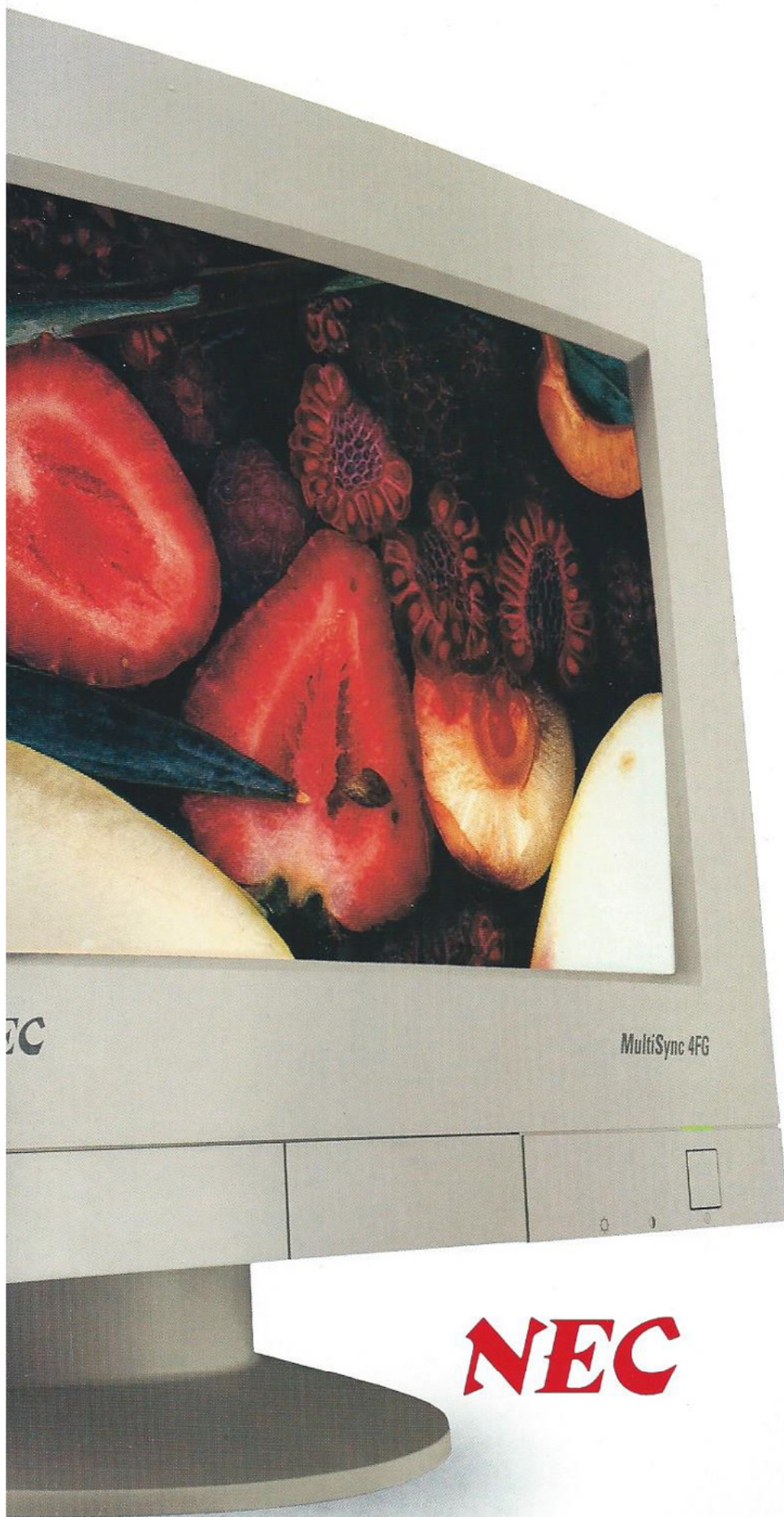


NEC MultiSync® FG™ Color Monitors



NEC



**Exceptional screen performance
from NEC's next-generation
MultiSync® FG monitors.**

Specifications

Part Number:

Best Uses:

Screen Attributes:

Maximum Recommended Resolution:

PC Compatibility:

*VESA Standard

**VESA Manufacturing Guidelines

Macintosh Compatibility:

Horizontal Frequency:

Vertical Frequency:

Bandwidth:

Product Dimensions: (W,H,D)

ErgoDesign™ Elements:

AccuColor™ Control System:

Digital Controls:

User Controls:

Invar Shadow Mask:

Optional OCLI-Coated Screen Filter:



MultiSync 3FGx

JC-1532VMA

General business, presentation, business graphics, windowing applications

15" diagonal; .28mm dotpitch; flat square, non-glare, anti-static, high contrast surface

1024 x 768 non-interlaced

640 x 480: VGA 60 Hz

ErgoVGA 72 Hz*

800 x 600: Super VGA 56, 60 Hz**

ErgoSVGA 72 Hz*

1024 x 768 non-interlaced: Extended VGA 60 Hz**

8514/A, XGA

Macintosh LC, Macintosh II family

31 KHz to 38.5 KHz and 47.8 KHz to 49 KHz

55 Hz to 90 Hz

65 MHz

372 x 396 x 414 mm; 14.7 x 15.6 x 16.3 inches

Reduced Magnetic Field™, tilt/swivel base, up-front controls, anti-static screen coating, flicker-free display capability

No

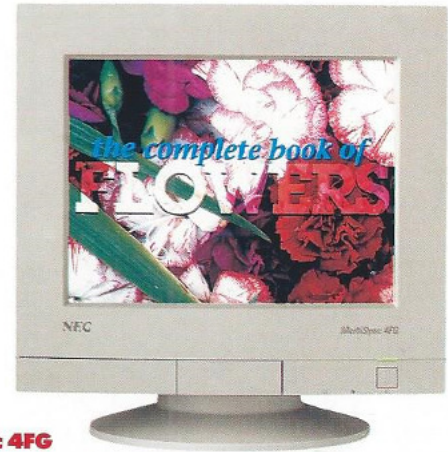
No

Power, brightness, contrast, horizontal size and position, vertical size and position, manual degauss, pincushion

Yes

Yes

MultiSync is a registered trademark and FullScan, AccuColor, ErgoDesign, FG, MultiCable and Reduced Magnetic Field are trademarks of NEC Technologies. Pantone is a registered trademark of Pantone, Inc. TruMatch is a trademark of TruMatch, Inc. Windows is a registered trademark of Microsoft Corporation. Macintosh is a



MultiSync 4FG

JC-1531VMA

General business, color-intensive business graphics, presentation, windowing applications, multimedia

15" diagonal; .28mm dotpitch; flat square, non-glare, anti-static, high contrast surface

1024 x 768 non-interlaced

640 x 480: VGA 60 Hz

ErgoVGA 72 Hz*

800 x 600: Super VGA 56, 60 Hz**

ErgoSVGA 72 Hz*

1024 x 768 non-interlaced: Extended VGA 60 Hz**

ErgoEVGA 70 Hz*

8514/A, XGA

Macintosh LC, Macintosh II family

27 KHz to 57 KHz

55 Hz to 90 Hz

75 MHz

372 x 396 x 414 mm; 14.7 x 15.6 x 16.3 inches

Reduced Magnetic Field™, tilt/swivel base, up-front user digital controls, anti-static screen coating, flicker-free display capability

Yes

Yes

Power, brightness, contrast, horizontal size and position, vertical size and position, AccuColor Control System, AccuColor memory locations switch, memory recall, sync switch, manual degauss switch, pincushion

Yes

Yes

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MultiSync 5FG

JC-1741UMA

Large screen business applications and windowing environments, entry level CAD, desktop publishing, multimedia

17" diagonal; .28mm dotpitch; flat square, non-glare, anti-static, high contrast surface

1280 x 1024 non-interlaced

640 x 480: VGA 60 Hz

ErgoVGA 72 Hz*

800 x 600: Super VGA 56, 60 Hz**

ErgoSVGA 72 Hz*

1024 x 768 non-interlaced: Extended VGA 60 Hz**

ErgoEVGA 70 Hz*

8514/A, XGA

1152 x 900

1280 x 1024 non-interlaced: up to 74 Hz

Macintosh LC, Macintosh II family, 1152 x 870 (dual page)

27 KHz to 79 KHz

55 Hz to 90 Hz

135 MHz

417 x 452.5 x 502 mm; 16.4 x 17.8 x 14.8 inches

Reduced Magnetic Field™, tilt/swivel base, up-front user digital controls, anti-static screen coating, flicker-free display capability

Yes

Yes

Power, brightness, contrast, horizontal size and position, vertical size and position, AccuColor Control System, AccuColor memory locations switch, memory recall, sync switch, manual degauss switch, pincushion, BNC/Dsub mode switch

Yes

Yes



MultiSync 6FG

JC-2141UMA

Professional CAD and color desktop publishing, large screen business applications

21" diagonal; .28mm dotpitch; flat square, non-glare, anti-static, high contrast surface

1280 x 1024 non-interlaced

640 x 480: VGA 60 Hz

ErgoVGA 72 Hz*

800 x 600: Super VGA 56, 60 Hz**

ErgoSVGA 72 Hz*

1024 x 768 non-interlaced: Extended VGA 60 Hz**

ErgoEVGA 70 Hz*

8514/A, XGA

1152 x 900

1280 x 1024 non-interlaced: up to 74 Hz

Macintosh LC, Macintosh II family, 1152 x 870 (dual page)

27 KHz to 79 KHz

55 Hz to 90 Hz

135 MHz

512 x 525 x 570 mm; 20.1 x 20.7 x 22.4 inches

Reduced Magnetic Field™, tilt/swivel base, up-front user digital controls, anti-static screen coating, flicker-free display capability

Yes

Yes

Power, brightness, contrast, horizontal size and position, vertical size and position, AccuColor Control System, AccuColor memory locations switch, memory recall, sync switch, manual degauss switch, pincushion, BNC/Dsub mode switch

Yes

Yes

Because ↑ is the way you want to go.

NEC

Introducing the new monitor standard for the 90's.

NEC's award-winning MultiSync® color monitors are the industry standard for compatibility, versatility and reliability. Now NEC presents its new line of Flat-Generation MultiSync FG™ monitors, designed to meet and exceed screen performance requirements for today's leading-edge business applications. And with NEC's exclusive AccuColor™ Control System, the new MultiSync Monitors offer unique capabilities in the next dimension of video standards: color accuracy.

The new MultiSync FG line delivers larger active screen areas, higher resolutions, and true color accuracy. They offer every type of user dramatically improved screen per-



formance, including displays that are flatter both horizontally and vertically for less distortion at the edges; with no loss of focus; and more stable and flicker-free for windowing applications.

MultiSync FG monitors are compatible with multiple hardware platforms and video standards, from VGA to 1280 x 1024 non-interlaced, and PC, Mac II and most workstation modes.

If you're demanding and depending on brighter, sharper, more accurate images, depend on the new NEC flat-generation MultiSync FG color monitors.

Advanced flat square screen technology delivers superior screen performance.

Larger, brighter and sharper displays. The larger 15", 17" and 21" screens provide 19% to 36% more active



Larger MultiSync FG monitor screens provide up to 36% more active display area than the display area of conventional monitors.

display area† than the conventional 14", 16" and 20" monitors you're used to. This additional active screen area is a function both of larger screen size and of edge-to-edge images via NEC's FullScan™ capability. The flatter screen surface—both horizontal and vertical—offers a more consistent overall image, and assures less distortion at edges, critical for windowing environments. An advanced Invar shadow mask makes FG monitors 20% brighter than conventional monitors, without loss of focus. NEC's Dynamic Beam and Dual Dynamic Beam focus greatly improve focus, edge-to-edge and top-to-bottom.

Stable, flicker-free images. In addition, each monitor provides higher refresh rates, enabling stable, flicker-free images for display of the white screen backgrounds common to windowing environments. The monitors' high-contrast screens also eliminate blurring, display colors more vibrantly, and deliver exceptionally sharp text and graphics.

A	Category	Advanced flat square screen technology provides precise detail and enhances display of single pixel fonts commonly found in windowing environments.
1	• % Growth	
2	Profit Marg	
3	• Liquidity B	
4	• Net Earnin	
5	• Direct Cost	

Advanced digital control system for unparalleled color accuracy and screen control.

The new FG monitors enhance and expand your ability to control and customize your display and images. Positioned in-front for easy access, the digital controls allow greatly improved capabilities for adjusting screen geometry, and provide access to NEC's exclusive AccuColor™ Control System.

Revolutionary Color Accuracy. The AccuColor Control System is NEC's unique color control system that allows you to work with the colors you expect to see in your finished product. Now you can match on-screen colors with colors delivered by your printer, your other monitors, your service bureau's output or color standards such as Pantone® or Trumatch.® With the AccuColor Control Sys-

†Dependent upon graphics board and signal timing used



Adjust screen color to suit your individual needs and preferences with the exclusive AccuColor Control System.

tem, you can separately adjust the red, green and blue color guns in precise digital steps to customize on-screen color to your preferred setting. It saves you time, money and effort by eliminating frustrating trial and error color adjustments and reducing rework costs. AccuColor is easily accessible and is built-in with the MultiSync 4FG, 5FG and 6FG.

Digitally-controlled screen configuration. With their micro-processor-based memory and digital controls, MultiSync 4FG, 5FG and 6FG monitors store your preferred screen settings for preset and custom graphics modes. The system automatically sizes and centers screen images as you change graphics modes. And, the push-button controls also allow you to control pincushion and degaussing.



Upfront push-button controls allow greater adjustment of screen geometry than ever before.

NEC introduces ErgoDesign™ elements for enhanced productivity, comfort and safety.

Each monitor's controls are positioned in-front so they're easier to reach and use, and each has a tilt-swivel base that easily adjusts to your preferred angle of vision. Flicker-free displays and glare protection allow you to work at the screen longer with reduced eyestrain and fatigue.

Each FG monitor includes NEC's Reduced Magnetic Field™ technology which meets strict Swedish MPRII guidelines for lower ELF and VLF emissions. In addition, antistatic screens eliminate dust attraction and static shock.



An attractive cabinet created by frogdesign, provides a sleek European look that even includes a clean "visitor's view" with no labels or cable protrusions.

Each new MultiSync FG has an optional Monitor Lens screen filter featuring OCLI-coated glass to further reduce glare and increase contrast in areas where ambient lighting is less than optimal.



Unlike most add-on filters, the MultiSync Monitor Lens complements the unique cabinet design and provides superior glare reduction.

A new standard of display performance. With advanced flat square screen technology and ErgoDesign elements, MultiSync FG monitors meet the demand for improved screen performance and personal productivity. And, as applications and graphics cards enable increasingly sophisticated color capabilities, NEC's exclusive AccuColor Control System will prepare you to see colors on your monitor as they appear in final printed output.

The new Flat Generation MultiSync FG series of monitors: the new large-screen standard for the 90's.

For the dealer nearest you call 1-800-NEC-INFO
In Canada call 1-800-343-4418
For technical support, call 1-800-FONE-NEC or write to:

Because ↑ is the way you want to go.

NEC

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